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Dan R. Olsen , S. Travis Nielsen , David Parslow

Proceedings of the 14th annual ACM symposium on User interface software and technology November 2001

The XWeb architecture delivers interfaces to a wide variety of interactive platforms. XWeb's SUBSCRIBE mechanism allows multiple interactive clients to synchronize with each other. We define the concept of Join as the mechanism for acquiring access to a service's interface. Join also allows the formation of spontaneous collaborations with other people. We define the concept of Capture as the means for users to assemble suites of interactive resources to apply to a particular problem. These mecha ...






- 2** Session 6A: applications: An open agent architecture for assisting elder independence 80%







Karen Zita Haigh , John Phelps , Christopher W. Geib

Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 2 July 2002

We are building an agent-oriented system to aid elderly people to live longer in their homes, increasing the duration of their independence from round-the-clock care while maintaining important social connectedness and reducing caregiver burden. The Independent LifeStyle AssistantTM (I.L.S.A.) is a multiagent system that incorporates a unified sensing model, probabilistically derived situation awareness, hierarchical task network response planning, real-time action selection contro ...

09/709,281

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 Chung-Hwa Herman Rao , Di-Fa Chang , Yih-Farn Robin Chen , Ming-Feng Chen
Proceedings of the first workshop on Wireless mobile internet July 2001
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 Dan R. Olsen , Sean Jefferies , Travis Nielsen , William Moyes , Paul Fredrickson
Proceedings of the 13th annual ACM symposium on User interface software and technology November 2000
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 Nigel Davies , Pierre-Guillaume Raverdy
Proceedings of the 9th workshop on ACM SIGOPS European workshop: beyond the PC: new challenges for the operating system September 2000
As researchers look beyond the PC there is increasing interest in developing and deploying sophisticated home networks. Such networks might allow the seamless integration of information and services produced both within the home and externally, enabling applications such as the purchase of on-line AV content, tight coupling between kitchen sensors and "Web Van" order forms, and home remote control. From a manufacturers perspective, particularly those manufacturers traditionally associated with b ...
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 Gordon Bell , Jim Gemmell
Communications of the ACM July 2002
Volume 45 Issue 7
"The best way to predict the future is to invent it."---Alan Kay "…or at least posit a vision for others to build."---The authors
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 Ken Camarata , Ellen Yi-Luen Do , Brian R. Johnson , Mark D. Gross
Proceedings of the 7th international conference on Intelligent user interfaces January 2002
The Navigational Blocks project demonstrates a tangible user interface that facilitates retrieval of historical stories in a tourist spot. Orientation, movement, and relative positions of physical Blocks support visitor navigation and exploration in a virtual gallery. The Navigational Blocks system provides a physical embodiment of digital information through tactile manipulation and haptic feedback. The simple cubic form of the Blocks is easy to understand and therefore easy to use to manipulat ...
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netWorker March 2000
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Communications of the ACM March 2000
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 Anupam Joshi , Munindar P. Singh
Communications of the ACM March 1999
Volume 42 Issue 3
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 Robert J. K. Jacob , Steven K. Feiner , James D. Foley , Jock D. Mackinlay ,
Dan R. Olsen
Proceedings of the 10th annual ACM symposium on User interface software
and technology October 1997

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